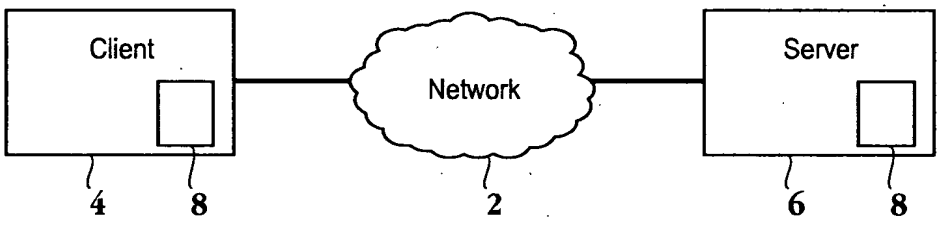

Fig. 1

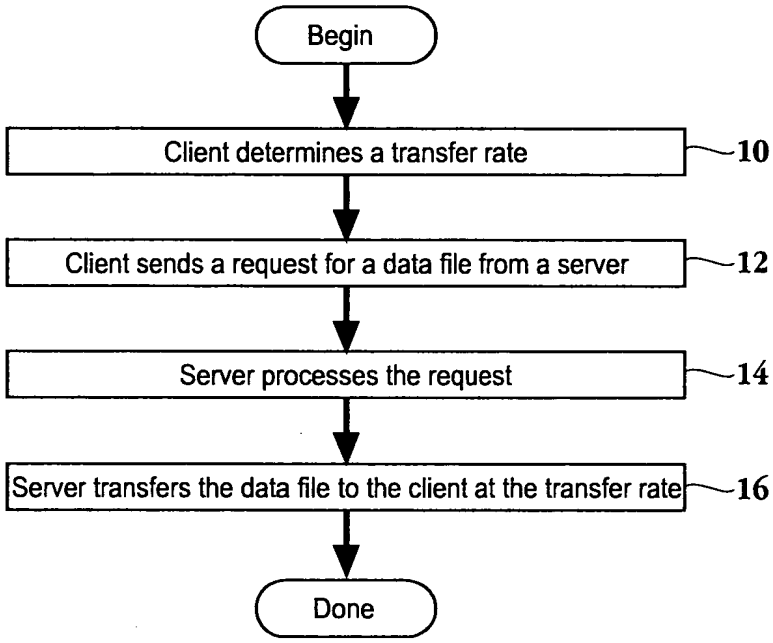
Begin
Client determines a transfer rate
10
Client sends a request for a data file from a server
12
Server processes the request
14
Server transfers the data file to the client at the transfer rate
16
Done

Fig. 2

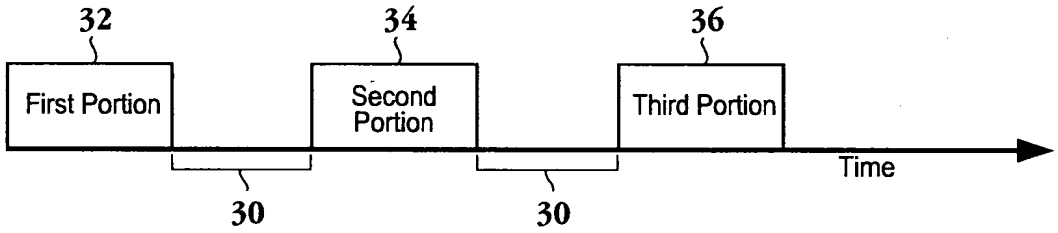
32
34
36
First Portion
Second Portion
Third Portion
Time
30
30

Fig. 3

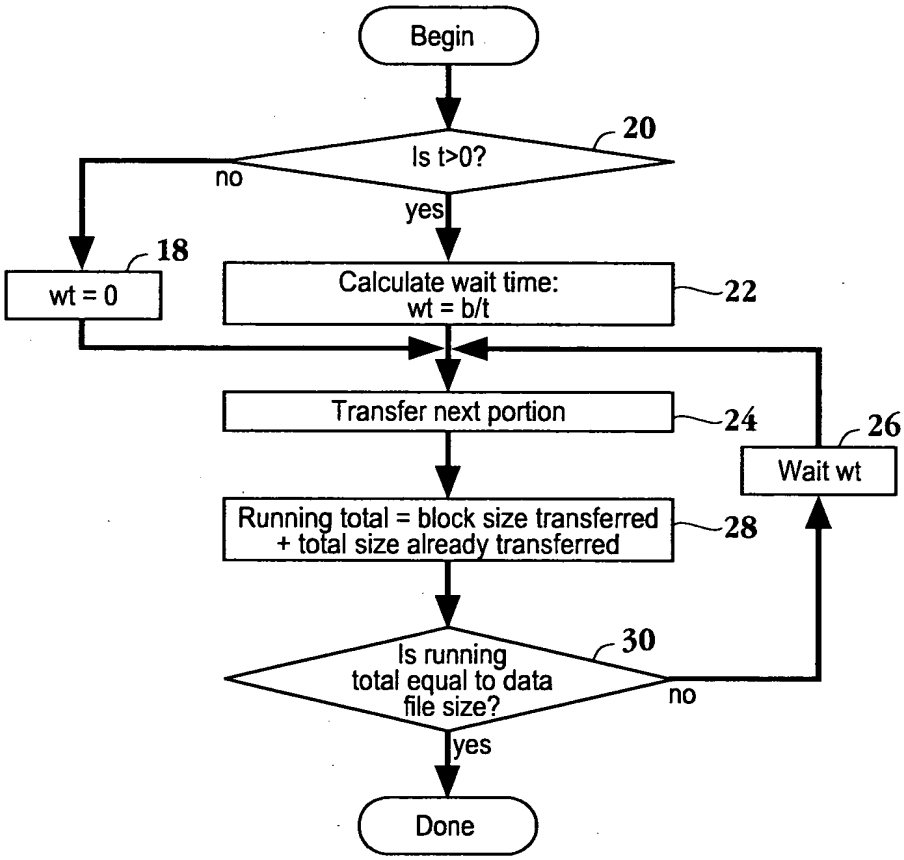
Begin
Is t>0?
20
no
yes
18
wt = 0
Calculate wait time:
wt = b/t
22
Transfer next portion
24
26
Wait wt
Running total = block size transferred
+ total size already transferred
28
Is running
total equal to data
file size?
30
no
yes
Done

Fig. 4

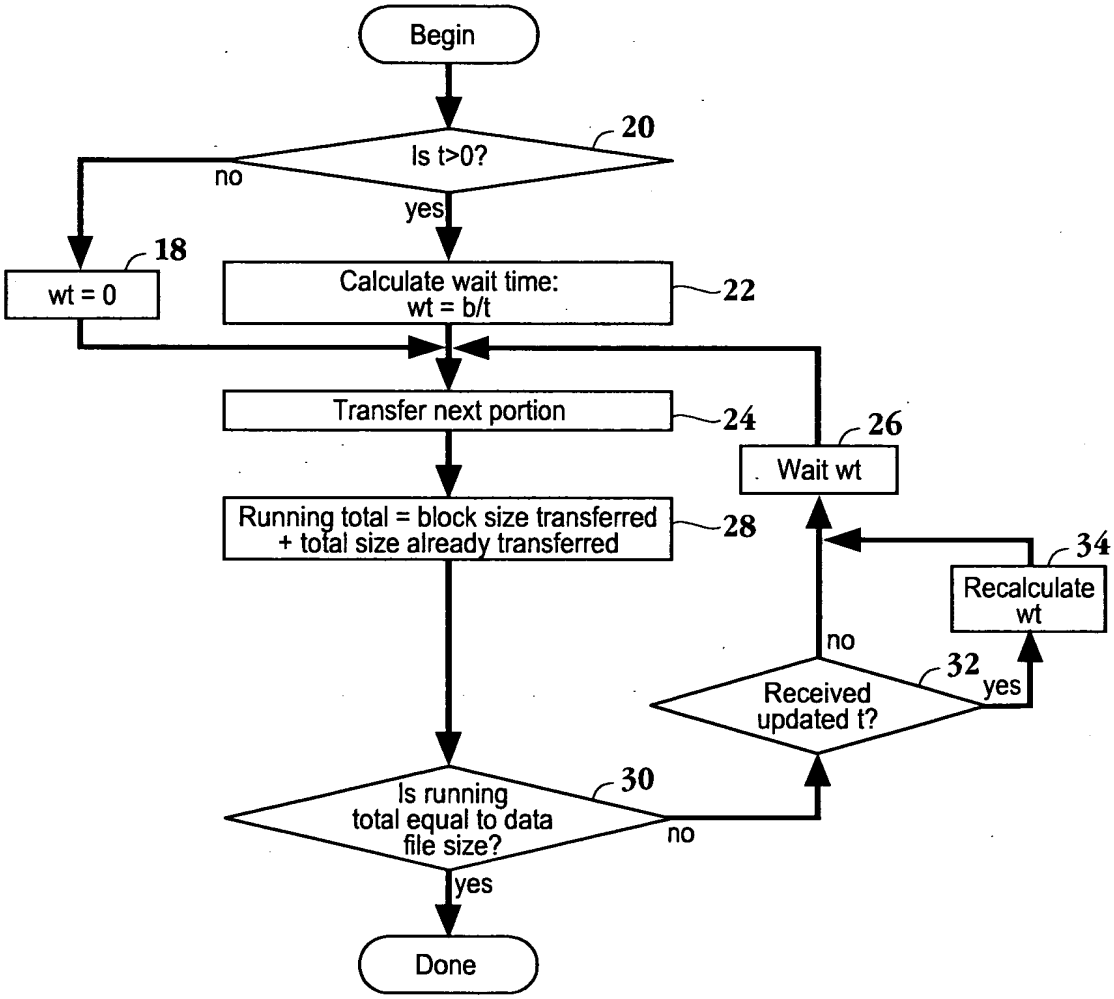
Begin
Is t>0?
20
no
yes
wt = 0
18
Calculate wait time:
wt = b/t
22
Transfer next portion
24
Wait wt
26
Running total = block size transferred
+ total size already transferred
28
Recalculate
wt
34
no
Received
updated t?
32
yes
Is running
total equal to data
file size?
30
no
yes
Done

Fig. 5